

Telepresent Rapid Aiming Platform (TRAP)

Purpose: To determine if the Telepresent Rapid Aiming Platform (TRAP) has military applicability for Force Protection.

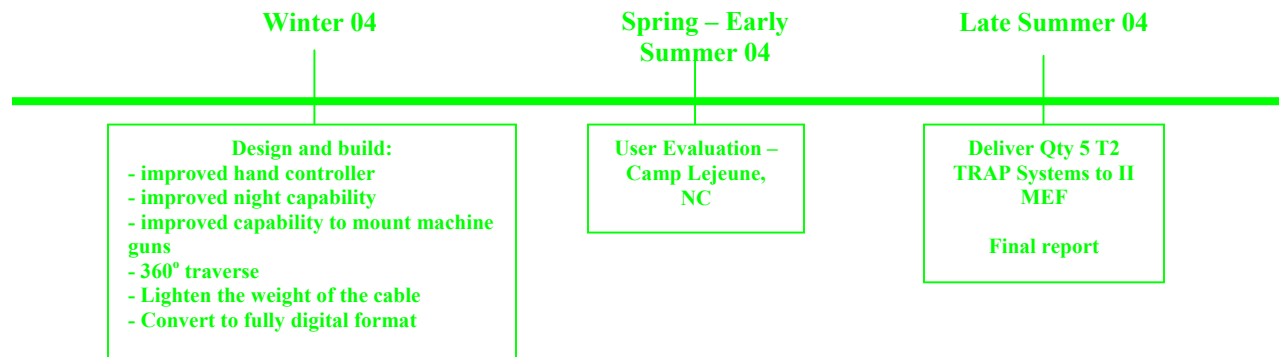
Background: Currently police departments in a few large urban areas have incorporated the TRAP system into their policing tactics. Scenarios for experimentation will replicate real world current operations that occupy today's Marines. Experimentation will identify the vulnerabilities of the TRAP in a force protection posture as well as identify the Tactics Techniques and Procedures (TTPs) necessary to operate the system to its best advantage.



Description: The TRAP is a tripod configured firing platform for 5.56, 7.62 or .50 caliber rifles. The tripod has electric servos that traverse and elevate the weapon as well as actuate the trigger. Two cameras, an observation/scan camera mounted on the tripod and a bore-sighted aiming camera coupled to a riflescope and mounted on the weapon, enable the operator to observe a sector of fire for enemy activity and to aim the weapon on target. The TRAP operator remotely controls the mounted weapon. The operator conducts all observation, manipulation of the weapon's attitude and firing from a protected, remote location via a control box connected to the tripod using a single 20 to 300 foot long cable.

Deliverable Product(s): A recommendation to the Marine Corps Combat System Command as to the applicability or non-applicability for the military force protection mission.

Milestones:



Action Officer: 784-3425